

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

WIN-1778

Effective Date: September 1, 2013

Reevaluation Date: **September 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.*

**Series 8300/8301/121/131 Vinyl Horizontal Sliding Windows, Replacement Construction, Non-impact Resistant**, manufactured by

**Atrium Windows and Doors**  
**9001 Ambassador Row**  
**Dallas, Texas 75247**  
**Telephone: (214) 637-2696**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 8300/8301/121/131 Vinyl Horizontal Sliding Windows; XO	H-LC40 72 x 48	± 40 psf
2	Series 8300/8301/121/131 Vinyl Horizontal Sliding Windows; XO	H-LC30 96 x 48	± 30 psf

### Product Dimensions:

System	Overall Size
1	72" x 48"
2	96" x 48"

### Product Identification (Certification Agency Label on Window):

System		
1-2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ADW
	Product Name	Series 8300/8301/121/131 HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

### Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:**

System	Type of Installation	Replacement
1-2	Wall Framing	Wood (minimum G $\geq$ 0.42); Concrete (minimum compressive strength 2,700 psi); grout-filled masonry units (C-90, Grade N, Type 1 or greater); steel (minimum yield strength 33 ksi); aluminum (minimum 6063-T5, $\frac{1}{8}$ " thick)
	Fasteners	No. 10 screws (wood); $\frac{3}{16}$ " ITW Tapcon (concrete/masonry); No. 10 self-tapping screw (steel or aluminum)
	Fastener Location/Spacing	The windows shall be installed in accordance with Atrium Companies 8300/8301/121/131 horizontal sliding window drawings ATR059 sheets 1-5 of 5, dated June 20, 2013, signed and sealed by Alexis Spyrou on July 25, 2013.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.